Rice University
Department of Statistics
ECON 307/STAT 310, Spring 2017

Instructor: *Theofanis Sapatinas* — Office: Duncan Hall, Room 2082

Email: ts45@rice.edu

Course hours: Tue/Thu (1:00-2:15 pm), KCK 100 — Office hours: Wed (9:00-11:00 am), Wed (1:30-3:30 pm)

Teaching Assistant: Kelly Geyer

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Office: Pfeiffer Conference Room, Duncan Hall, Room 2014

Office hours: 9:00-11:00am
Mondays: 1/23, 2/06, 2/20, 3/06, 3/20, 4/03, 4/17

Text: K.M. Ramachandran & C.P. Tsokos, Mathematical Statistics with Applications in R, 2nd Edition, Academic Pres, ISBN: 978-0-12-417113-8.

Software: R, download for free from: www.r-project.org. You will do some computer experiments & simulations. No programming background is assumed.

Grading: 2 in class Exams (35% each) + 10 HWs (3% each). Total 100%

Topics: Probability theory and the central concepts and methods of statistics including probability distributions, expectation, estimation, hypothesis testing, sampling distributions (Chaptets 2-6) Some special topics will be also discussed if time permits (Chapters 8, 11-13).

Important Stuff:

- Any student with documented disability is requested to see me during the first two weeks of school. Please also see: http://dss.rice.edu/
- The 2 in class Exams are scheduled for February 28th and April 18th respectively.
- Rice honor code applies. Please study it: http://honor.rice.edu/
- Any gadget that is powered by electricity is *not* allowed during the Exams.
- No late homework will be accepted.
- For important dates see: https://registrar.rice.edu/content.aspx?id=2147483810